



Core & Coil (71A) MH ~GT~ 450W

CORE & COIL HID MH BAL 1500W M48 480V KIT

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

Product data

General Information				
ANSI Code	M48			
Lamp Type	1500W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A6742A			
Core Size	4 1/4 x 6			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	NA			
Ignitor Temperature Rating	NA			
Capacitor Value	32 MFD			
Capacitor Catalog Number	MD3202100			
Capacitor Requirements	525V			
Capacitor Temperature Rating	90°C			
Capacitor Diameter/Oval Dimensions	2 in			
Capacitor Height	3.75 in			
Automatic Restart	No			
Operating and Electrical				
Input Voltage	480 V			

Input Frequency	60 Hz	
Inp. Current (Open Circuit)	1.56 A	
Input Current (Starting)	2.94 A	
Input Current (Short Circuit)	2.41-3.62 V	
Secondary Short Circuit Current	7.4-9 A	
Constant Wattage Deviation	12%	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Nominal Open Circuit Voltage	460 V	
Input Current (Operating) (Nom)	3.43 A A	
Input Power (Nom)	1610 W	
Rated Lamp Watts	1500 W	
Wiring		
Wire Striplength	0.5 mm	
Wire Length by Color	12"	
Wire Type	Stranded	
Remote Wiring Configuration Allowed	Yes	
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used		
Recommended Fuse Value	10 A	

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Open Circuit Voltage Test (Volts)	414-506 V			
Approbation Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	E			
UL Recognized	Yes			
Hipot Test (1 Minute)	2000 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029E			

480V KIT

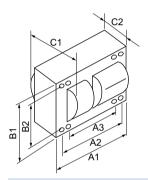
CORE & COIL HID MH BAL 1500W M48

EAN/UPC - Product	781087674215
Order code	71A6742001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700536909
Net Weight (Piece)	14.438 kg

Product Data

Order product name

Dimensional drawing



MH BAL 1500W M48 480V KIT

Product	C1	C2	A 1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1500W	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M48 480V KIT							



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www.lighting.philips.com 2019, March 22 - data subject to change